

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	74280	(connection\$1orient\$4) tcp tcp/ip tcp\$4 transport near2 protocol	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:16
L2	8510	priority near2 (buffer\$3 queu\$4)	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:17
L3	2313	1 and 2	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:16
L4	264248	priority near2 (buffer\$3 queu\$4) stack\$1	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:17
L5	7340	1 same 4	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:18
L6	1834	4 with packet\$1 same 1	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:18
L7	2560332	@ad<"19971014"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/19 15:18
L8	121	L7 and 6	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:22
L9	51	network adj interface and 8	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:56
L10	1	"5410754".pn. and virtual	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:25
L11	2988	"5410754".pn. and vpn vlan	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:25
L12	0	"5410754".pn. and (vpn vlan)	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:25
L13	1200	network adj interface with stack\$1	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:56
L14	87	7 and 13	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:56
L15	76	14 and 1	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:56
L16	4	15 and push\$3 and pop\$4	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:06
L17	2683	709/238.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:06
L18	332	17 and 7	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:06
L19	10	18 and push\$4 and pop\$4	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:06
L20	0	18 and (push\$4 and pop\$4).clm.	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:06

## EAST Search History

L21	1	"6078733".pn. and (connection tcp\$4 stack\$3 queu\$4 buffer\$4)	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:23
L22	1604	709/250.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:23
L23	80	22 and 13	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:23
L24	7	7 and 23	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:28
L25	1	"20020095519".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/19 16:29
S1	0	"582835".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/19 15:15
S2	1	"5828835".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:41
S3	0	"5828835".pn. and tcp	US-PGPUB; USPAT	OR	OFF	2006/08/14 16:09
S4	1	"5828835".pn. and protocol	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:41
S5	31	("4475155"   "4543627"   "4644532"   "4783730" "4860244"   "4912723" "4962497"   "5039980" "5088090"   "5088091" "5093824"   "5109484" "5121383"   "5131081" "5134691"   "5175732" "5195181"   "5218676" "5230051"   "5255387" "5276899"   "5335325" "5379296"   "5404524" "5404562"   "5426637" "5469548"   "5485455" "5521910"   "5592622" "5617537").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 14:44
S6	19	S5 and (queue\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:48
S7	26601	"710"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:48
S8	14598	network adj interface adj (device card)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:48
S9	852	S8 same (queu\$4 buffer\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:49

## EAST Search History

S10	115	S9 same tcp\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:55
S11	2560321	@ad<"19971014"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:55
S12	10356856	@ad<"19971014" @pd<"19971014"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:55
S13	1	S12 and S10	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:57
S14	1512	nic same (queu\$4 buffer\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:57
S15	160	nic same (queu\$4 buffer\$4) same (stack push\$4 pop\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 15:57
S16	30	S15 and S12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 16:03
S17	4	network near2 card same push\$3 same pop\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 16:04
S18	0	S17 and S12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 16:03
S19	667	network near2 card same stack	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 16:04
S20	34	S19 and S12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 16:04
S21	14	"TCP/IP communications stack"	US-PGPUB; USPAT	OR	OFF	2006/08/14 16:09
S22	5	S12 and S21	US-PGPUB; USPAT	OR	OFF	2006/08/14 16:09

Set	Items	Description
S1	58	AU=(PHILBRICK C? OR PHILBRICK, C?)
S2	60	AU=(BOUCHER L? OR BOUCHER, L?)
S3	42	AU=(BLIGHTMAN S? OR BLIGHTMAN, S?)
S4	53	AU=(CRAFT P? OR CRAFT, P?)
S5	44	AU=(HIGGEN D? OR HIGGEN, D?)
S6	90	AU=(STARR D? OR STARR, D?)
S7	12	CLIVE (2N) PHILBRICK OR (LAURENCE OR LARRY) (2N) BOUCHER
S8	10	(STEPHEN OR STEVE) (3N) BLIGHTMAN OR PETER (2N) CRAFT
S9	13	(DAVID OR DAVE) (2N) HIGGEN OR DARYL (2N) STARR
S10	8043	NETWORK() INTERFACE() (DEVISE? OR DEVICE? OR MECHANISM? OR C-ARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S11	2940	ETHERNET() (CARD? ? OR CONTROLLER? OR ADAPTER?)
S12	471577	FASTPATH? OR FAST() PATH? ? OR FASTTRACK? OR FAST() TRACK? OR EXPEDIT? OR ACCELERAT?
S13	1715205	CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR -RAPID? OR HASTEN?
S14	1200661	OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HURRYING OR SPEED?) () UP OR QUICK?
S15	2964293	PACKET? OR FRAME? OR DATAGRAM? OR TRANSMISS? OR DATABLOCK -OR DATA() (BLOCK? ? OR BUNDL? OR UNIT? OR MESSAGE?)
S16	11925	(CONTROL? OR TCIP OR TC() IP) () PACKET? OR ACKRESPONSE? OR ACK() RESPONSE? OR ACKNOWLEDG? () RESPONSE? OR NETWORKTRAFFIC? OR NETWORK() TRAFFIC?
S17	1436369	IC=G06F?
S18	978526	MC=T01?
S19	126	S1:S9
S20	45	S19 AND S10:S11
S21	24	S20 AND S12:S14 AND S15:S16
S22	12	S20 AND S12:S14 (10N) S15:S16
S23	32	S1 AND S2 AND S3 AND S4 AND S5 AND S6
S24	54	S20:S23
S25	90	S19 AND S17:S18
S26	53	S24 AND S17:S18
S27	2704432	PR=1998:2006
S28	18	S26 NOT S27
S29	44	S25 NOT S27
File 347:JAPIO Nov 1976-2005/Sep (Updated 060103)		
(c) 2006 JPO & JAPIO		
File 348:EUROPEAN PATENTS 1978-2005/Dec W04		
(c) 2006 European Patent Office		
File 349:PCT FULLTEXT 1979-2005/UB=20051229,UT=20051222		
(c) 2005 WIPO/Univentio		
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200606		
(c) 2006 Thomson Derwent		

Set	Items	Description
S1	268	AU= (PHILBRICK C? OR PHILBRICK, C?)
S2	220	AU= (BOUCHER L? OR BOUCHER, L?)
S3	0	AU= (BLIGHTMAN S? OR BLIGHTMAN, S?)
S4	44	AU= (CRAFT P? OR CRAFT, P?)
S5	0	AU= (HIGGEN D? OR HIGGEN, D?)
S6	429	AU= (STARR D? OR STARR, D?)
S7	1	CLIVE (2N) PHILBRICK OR (LAURENCE OR LARRY) (2N) BOUCHER
S8	0	(STEPHEN OR STEVEN OR STEVE) (3N) BLIGHTMAN OR (PETER OR PET-E) (2N) CRAFT
S9	0	(DAVID OR DAVE) (2N) HIGGEN OR DARYL (2N) STARR
S10	946	NETWORK() INTERFACE() (DEVISE? OR DEVICE? OR MECHANISM? OR CARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S11	434	ETHERNET() (CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN() CONTROLLER() CHIP? ?
S12	1	TEMPLATE? () HEADER?
S13	657901	FASTPATH? OR FAST() PATH? ? OR FASTTRACK? OR FAST() TRACK? OR EXPEDIT? OR ACCELERAT?
S14	3427758	CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR - RAPID? OR HASTEN?
S15	1453634	OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HURRYING OR SPEED?) () UP OR QUICK?
S16	2374221	PACKET? OR NETWORKTRAFFIC? OR NETWORK? () TRAFFIC? OR ETHERNET() FRAME? OR FRAME? OR DATAGRAM? OR TRANSMISS? OR DATABLOCK? ?
S17	4827	DATA() (BLOCK? ? OR BUNDL? OR UNIT? ? OR MESSAG?)
S18	34602	(CONTROL? OR TCIP OR TC() IP) () PACKET? OR ACK? ? OR ACKRESPONSE? OR ACK() RESPONSE? OR ACKNOWLEDG? OR SYNCACK? ? OR SYNC(-) ACK? ?
S19	962	S1:S9
S20	0	S19 AND S10:S12
S21	0	S19 AND S10:S11
S22	148	S19 AND S10:S18
S23	0	S22 AND S13:S15 AND S16:S18
S24	0	S22 AND S13:S15 (10N) S16:S18
S25	19	S22 AND S16:S18
S26	0	S22 AND S12
S27	129	S22 AND S13:S15
S28	7	S6 AND S16:S18
S29	0	S19 AND S13:S15 AND S16:S18
S30	19	S19 AND S16:S18
S31	148	S22:S30
S32	19542395	PY>1997
S33	65	S31 NOT S32
S34	58	RD (unique items)
S35	90	S31 NOT S34
File	2:INSPEC 1898-2006/Jan W2	(c) 2006 Institution of Electrical Engineers
File	6:NTIS 1964-2006/Jan W4	(c) 2006 NTIS, Intl Cpyrgh All Rights Res
File	8:Ei Compendex(R) 1970-2006/Jan W4	(c) 2006 Elsevier Eng. Info. Inc.
File	34:SciSearch(R) Cited Ref Sci 1990-2006/Jan W4	(c) 2006 Inst for Sci Info
File	434:SciSearch(R) Cited Ref Sci 1974-1989/Dec	(c) 1998 Inst for Sci Info
File	35:Dissertation Abs Online 1861-2006/Jan	(c) 2006 ProQuest Info&Learning
File	65:Inside Conferences 1993-2006/Jan W5	(c) 2006 BLDSC all rts. reserv.
File	94:JICST-EPlus 1985-2006/Nov W3	

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File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Dec  
(c) 2006 The HW Wilson Co.

Set	Items	Description
S1	2220	NETWORK() INTERFACE() (DEVISE? OR DEVICE? OR MECHANISM? OR UNIT? ? OR CARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S2	300	ETHERNET() (CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN() CONTROLLER() CHIP? ?
S3	1	TEMPLATE?() HEADER?
S4	2305680	TEMPLATE? OR PATTERN? OR INSTRUCTION? OR GUIDE? OR MOLD? OR ARRANGM? OR STENCIL?
S5	4471	(PREDESIGN? OR STANDARD? OR PRESET? OR PREESTABLISH? OR PREEXIST?) () (FORMAT? OR LAYOUT? OR DESIGN? OR FORM? OR MODEL?)
S6	47618	HEADER? OR HEADER(2W) (TAG? ? OR FIELD? OR RECORD? OR AREA?)
S7	5178205	GENERAT? OR PRODUCE? ? OR PRODUCING OR CREATE? ? OR CREATING OR PROPOGAT? OR DEVELOP? OR YIELD?
S8	2397321	ORIGINAT? OR MAKE? OR MAKING OR INITIAT? OR INTRODUCE? OR - INTRODUCING OR REPRODUCE? OR REPRODUCING
S9	8060519	PROVID? OR START? OR EFFECTUAT? OR EXECUT? OR LAUNCH?
S10	271851	FASTPATH? OR FAST() PATH? ? OR FASTTRACK? OR FAST() TRACK? OR EXPEDIT? OR ACCELERAT?
S11	877149	CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR - RAPID? OR HASTEN?
S12	633301	OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HURRYING OR SPEED?) () UP OR QUICK?
S13	585700	AVOID? OR CIRCUMVENT? OR OBVIAT? OR SIDESTEP? OR CIRCUMNAVIGAT? OR SHUNT? OR DETOUR?
S14	1732114	BYPASS? OR PASS??? OR SKIP??? OR SKIPPING OR DIVERT? OR B-EAT??? OR (GET? ? OR GETTING) () AROUND
S15	6999569	NON OR "NOT" OR UN OR NO OR WITHOUT
S16	1966862	CONVERT?? OR CONVERTS OR CONVERTING OR CONVERSION? OR TRANSFORM? OR ALTER??? OR REFORMAT? OR EXTRACT?
S17	2168875	MODIF? OR REVIS??? OR TRANSLAT? OR REMODEL? OR ADAPT? OR CHANGE OR CHANGE? ? OR CHANGING? OR COLLAT?
S18	5387952	PROCESS? OR ANALYS? OR ANALYZ? OR FORMULAT? OR REFINE? OR - REFINING OR PREPAR? OR SETUP? OR FASHION?
S19	90197	PACKET? OR NETWORKTRAFFIC? OR NETWORK? () TRAFFIC? OR ETHERNET() FRAME? OR DATAGRAM?
S20	1250094	TRANSMISS? OR DATABLOCK? ? OR DATA() (BLOCK? ? OR BUNDL? OR UNIT? ? OR MESSAG?)
S21	12561	(CONTROL? OR TCIP OR TC() IP) () PACKET? OR ACK? ? OR ACKRESPONSE? OR ACK() RESPONSE? OR ACKNOWLEDG? OR SYNCACK? ? OR SYNC(-) ACK? ?
S22	1225128	TRANSPORT? OR TCP OR TRANSMISSION() CONTROL() PROTOCOL? OR LAYER(2W) 4
S23	91542	(NETWORK? OR IP OR INTERNET() PROTOCOL) () LAYER? OR LAYER(2W-) 5
S24	1172	PROTOCOL() STACK? OR HIERARCH? (2W) LAYER? OR NETWORK? () PROTOCOL() (SOFTWARE? OR SUITE?)
S25	1481	LAYER? (3W) PROTOCOL? OR (TCPIP OR TC() IP) () (SUITE? OR STACK-?)
S26	1281143	IC=G06F?
S27	980176	MC=T01?
S28	1	S1:S2 AND (S3 AND S4:S5(5N)S6) AND S10:S12 AND S19:S21
S29	2500	S1:S2 OR (S3 AND S4:S5(10N)S6)
S30	658	S29 AND S7:S12 AND S19:S21
S31	16	S30 AND S7:S12 AND (S13:S14 OR S15(5N)S16:S18) AND S22:S23
S32	89	S29:S30 AND S22:S23(10N)S16:S18
S33	10	S29:S32 AND S13:S14 AND S22:S23(10N)S16:S18
S34	18	S29 AND S1:S2 AND S7:S12 AND S21
S35	3	S29 AND S10:S12 AND S13:S14 AND S16:S18 AND S19:S21 AND S1-5 (10N)S16:S18 AND S22:S23
S36	3	S29 AND S7:S9 AND S10:S12 AND S16:S18 AND S19:S21 AND S24:-

S25  
S37 8 S29 AND (S1:S2 OR (S3 AND S4:S5(10N)S6)) AND S3:S5 AND S19-  
:S20(10N)S6  
S38 18 S29:S37 AND S7:S9 AND S21  
S39 0 S29:S38 AND S7:S9 AND S21 AND S15(10N)S22:S23  
S40 1 S29:S38 AND S7:S9 AND S21 AND S15 AND S22:S23 AND S16:S18  
S41 8 S29 AND S3:S5 AND S19:S20(10N)S6  
S42 3 S29 AND S3:S6 AND S21  
S43 0 S29 AND S21 AND S13:S14 AND S24:S25  
S44 25 S29 AND S21  
S45 37 S29 AND S13:S15 AND S22:S25(10N)S16:S18  
S46 131 S28 OR S31:S45  
S47 2155974 PR=1998:2006  
S48 95 S46 AND S26:S27  
S49 64 S48 NOT S47  
S50 64 IDPAT (sorted in duplicate/non-duplicate order)  
File 347:JAPIO Nov 1976-2005/Sep(Updated 060103)  
(c) 2006 JPO & JAPIO  
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200607  
(c) 2006 Thomson Derwent

Set	Items	Description
S1	6958	NETWORK() INTERFACE() (DEVICE? OR MECHANISM? OR UNIT? ? OR CARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S2	2652	ETHERNET() (CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN() CONTROLLER() CHIP? ? OR TCP() OFFLOAD?() DEVICE?
S3	31	TEMPLATE?() HEADER?
S4	1129591	TEMPLATE? OR PATTERN? OR INSTRUCTION? OR GUIDE? OR MOLD? OR ARRANGEM? OR STENCIL?
S5	10176	(PREDESIGN? OR STANDARD? OR PRESET? OR PREESTABLISH? OR PREEXIST?)() (FORMAT? OR LAYOUT? OR DESIGN? OR FORM? ? OR MODEL?)
S6	51564	HEADER? OR HEADER(2W) (TAG? ? OR FIELD? OR RECORD? OR AREA?)
S7	11737	S1:S2 OR (S3 OR S4:S5(5N)S6)
S8	11015	GENERAT? OR PRODUCE? ? OR PRODUCING OR CREATE? ? OR CREATING OR PROPOGAT? OR DEVELOP? OR YIELD?
S9	10445	ORIGINAT? OR MAKE? OR MAKING OR INITIAT? OR INTRODUCE? OR - INTRODUCING OR REPRODUCE? OR REPRODUCING
S10	11613	PROVID? OR START? OR EFFECTUAT? OR EXECUT? OR LAUNCH?
S11	1738	FASTPATH? OR FAST() PATH? ? OR FASTTRACK? OR FAST() TRACK? OR EXPEDIT? OR ACCELERAT?
S12	5275	CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR - RAPID? OR HASTEN?
S13	6452	OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HURRYING OR SPEED?)() UP OR QUICK?
S14	5295	AVOID? OR CIRCUMVENT? OR OBIAT? OR SIDESTEP? OR CIRCUMNAVIGAT? OR SHUNT? OR DETOUR?
S15	8224	BYPASS? OR PASS??? OR SKIP??? OR SKIPPING OR DIVERT? OR B-EAT??? OR (GET? ? OR GETTING)() AROUND
S16	11707	NON OR "NOT" OR UN OR NO OR WITHOUT OR DOES() "NOT"
S17	8521	CONVERT?? OR CONVERTS OR CONVERTING OR CONVERSION? OR TRANSFORM? OR ALTER??? OR REFORMAT? OR EXTRACT?
S18	11404	MODIF? OR REVIS??? OR TRANSLAT? OR REMODEL? OR ADAPT? OR CHANGE OR CHANGE? ? OR CHANGING? OR COLLAT?
S19	11263	PROCESS? OR ANALYS? OR ANALYZ? OR FORMULAT? OR REFINE? OR - REFINING OR PREPAR? OR SETUP? OR FASHION? OR SEQUEN?
S20	5665	PACKET? OR NETWORKTRAFFIC? OR NETWORK?() TRAFFIC? OR ETHERNET() FRAME? OR DATAGRAM?
S21	7912	TRANMISS? OR DATABLOCK? ? OR DATA() (BLOCK? ? OR BUNDL? OR UNIT? ? OR MESSAG?)
S22	2547	(CONTROL? OR TCIP OR TC() IP)() PACKET? OR ACK? ? OR ACKRESPONSE? OR ACK() RESPONSE? OR ACKNOWLEDG? OR SYNCACK? ? OR SYNC(-)ACK? ?
S23	5503	TRANSPORT? OR TCP OR TRANSMISSION() CONTROL() PROTOCOL? OR LAYER(2W)4
S24	1312	(NETWORK? OR IP OR INTERNET() PROTOCOL)() LAYER? OR LAYER(2W-5)
S25	1053	PROTOCOL() STACK? OR HIERARCH? (2W) LAYER? OR NETWORK?() PROTOCOL() (SOFTWARE? OR SUITE?)
S26	1582	LAYER? (3W) PROTOCOL? OR (TCPIP OR TCP() IP)() (SUITE? OR STACK?)
S27	4324	IC=G06F?
S28	1874	S7 AND S4:S5 AND S20:S21(5N)S6
S29	426	S28 AND S8:S10(10N)S22
S30	267	S29 AND S8:S10(10N)S11:S13 AND S20:S22
S31	120	S30 AND S14:S16(10N)S23:S24(5N)S17:S19
S32	41	S31 AND S11:S13(5N)S14:S16(5N)S23:S24(5N)S17:S19
S33	305	S28 AND S8:S10(5N)S11:S13 AND S17:S19(5N)S20:S22 AND S25:S-26
S34	133	S33 AND S11:S13 AND S14:S16(5N)S23:S24(5N)S17:S19 AND S25:S-26
S35	422	S30:S31 OR S33:S34
S36	39	S35 AND (S3 OR S4:S5(5N)S6) (10N)S8:S10 AND S20:S22

S37 16 S36 AND S16 (10N) S17:S19 (10N) (S3 OR S4:S5 (5N) S6) AND S23:S26  
S38 370 S7 AND S11:S13 (5N) S17:S19 (5N) S20:S22  
S39 2 S38 AND S11 (5N) S17:S19 (3N) S22 AND S16 (5N) S23:S24  
S40 40 S38 AND (S20:S21 (5N) S6) (10N) S8:S10 (10N) S22  
S41 109 S38:S40 AND S20:S22 AND S14:S16 (10N) (S23:S24 (5N) S17:S19)  
S42 96 S38:S40 AND S20:S22 (10N) S14:S16 (5N) (S23:S24 (5N) S17:S19)  
S43 75 S42 AND S20:S22 (7N) S14:S16 (5N) (S23:S24 (3N) S17:S19)  
S44 118 S32 OR S36:S37 OR S39:S40 OR S43  
S45 139 S42 OR S44  
S46 8070 AD=1998:2006  
S47 33 S45 NOT S46  
S48 33 IDPAT (sorted in duplicate/non-duplicate order)  
S49 664 S31:S45  
S50 225 S49 AND S27  
S51 66 S50 NOT S46  
S52 48 S51 NOT S47  
S53 48 IDPAT (sorted in duplicate/non-duplicate order)  
File 348:EUROPEAN PATENTS 1978-2006/Jan W01  
(c) 2006 European Patent Office  
File 349:PCT FULLTEXT 1979-2005/UB=20051229, UT=20051222  
(c) 2005 WIPO/Univentio

Set	Items	Description
S1	1547	NETWORK() INTERFACE() (DEVICE? OR MECHANISM? OR UNIT? ? OR C- ARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S2	840	ETHERNET() (CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN() CON- TROLLER() CHIP? ? OR TCP() OFFLOAD? () DEVICE?
S3	3	TEMPLATE? () HEADER?
S4	4129184	TEMPLATE? OR PATTERN? OR INSTRUCTION? OR GUIDE? OR MOLD? OR ARRANGEM? OR STENCIL?
S5	80005	(PREDESIGN? OR STANDARD? OR PRESET? OR PREESTABLISH? OR PR- EEXIST?) () (FORMAT? OR LAYOUT? OR DESIGN? OR FORM? ? OR MODEL?)
S6	12625	HEADER? OR HEADER(2W) (TAG? ? OR FIELD? OR RECORD? OR AREA?)
S7	15718341	GENERAT? OR PRODUCE? ? OR PRODUCING OR CREATE? ? OR CREATI- NG OR PROPOGAT? OR DEVELOP? OR YIELD?
S8	4975685	ORIGINAT? OR MAKE? OR MAKING OR INITIAT? OR INTRODUCE? OR - INTRODUCING OR REPRODUCE? OR REPRODUCING
S9	6086650	PROVID? OR START? OR EFFECTUAT? OR EXECUT? OR LAUNCH?
S10	845881	FASTPATH? OR FAST() PATH? ? OR FASTTRACK? OR FAST() TRACK? OR EXPEDIT? OR ACCELERAT?
S11	4843426	CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR - RAPID? OR HASTEN?
S12	2073753	OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HUR- RYING OR SPEED?) () UP OR QUICK?
S13	739274	AVOID? OR CIRCUMVENT? OR OBIAT? OR SIDESTEP? OR CIRCUMNAV- IGAT? OR SHUNT? OR DETOUR?
S14	1356767	BYPASS? OR PASS??? OR SKIP??? OR SKIPPING OR DIVERT? OR B- EAT??? OR (GET? ? OR GETTING) () AROUND
S15	17996106	NON OR "NOT" OR UN OR NO OR WITHOUT OR DOES() "NOT"
S16	5371222	CONVERT?? OR CONVERTS OR CONVERTING OR CONVERSION? OR TRAN- SFORM? OR ALTER??? OR REFORMAT? OR EXTRACT?
S17	8941904	MODIF? OR REVIS??? OR TRANSLAT? OR REMODEL? OR ADAPT? OR C- HANGE OR CHANGE? ? OR CHANGING? OR COLLAT?
S18	23862427	PROCESS? OR ANALYS? OR ANALYZ? OR FORMULAT? OR REFINE? OR - REFINING OR PREPAR? OR SETUP? OR FASHION? OR SEQUEN?
S19	199228	PACKET? OR NETWORKTRAFFIC? OR NETWORK? () TRAFFIC? OR ETHERN- ET() FRAME? OR DATAGRAM?
S20	1920977	TRANSMISS? OR DATABLOCK? ? OR DATA() (BLOCK? ? OR BUNDL? OR UNIT? ? OR MESSAG?)
S21	43928	(CONTROL? OR TCIP OR TC() IP) () PACKET? OR ACK? ? OR ACKRESP- ONSE? OR ACK() RESPONSE? OR ACKNOWLEDG? OR SYNCACK? ? OR SYNC(- ) ACK? ?
S22	2360617	TRANSPORT? OR TCP OR TCP() LAYER? ? OR TRANSMISSION() CONTRO- L() PROTOCOL? OR LAYER(2W) 4
S23	12094	(NETWORK? OR IP OR INTERNET() PROTOCOL) () LAYER? OR LAYER(2W- ) 5
S24	4100	PROTOCOL() STACK? OR HIERARCH? (2W) LAYER? OR NETWORK? () PROTO- COL() (SOFTWARE? OR SUITE?)
S25	7429	LAYER? (3W) PROTOCOL? OR (TCPPIP OR TCP() IP) () (SUITE? OR STAC- K?)
S26	2536	S1:S2 OR (S3 OR S4:S5(5N)S6)
S27	0	S26 AND S20:S21(10N) (S3 OR S6) AND S7:S9 AND S21
S28	33	S26 AND S13:S15 AND S22:S23(10N) S16:S18
S29	1627	S26 AND S7:S12
S30	5	S29 AND S7:S9(10N) S21
S31	2282	S26 AND S7:S25
S32	0	S26:S31 AND S10:S12(5N) S13:S15 AND S22:S23(5N) S16:S18
S33	19	S26:S31 AND S21
S34	53	S26:S31 AND S10
S35	2536	S26:S31
S36	2	S35 AND S13:S15(5N) S22:S23(5N) S16:S18
S37	175	S35 AND (S3 OR S4:S5(5N)S6)
S38	5	S37 AND S10:S12(10N) S19:S21

\* Undeleted  
Copy 1 of 2

S39 1 S37 AND S21  
S40 16 S37 AND S13:S18(5N)S19:S25  
S41 115 S37:S40 AND S7:S12  
S42 346 S35 AND S22:S23  
S43 0 S35 AND (S3 OR S4:S5(5N)S6) AND S7:S9 AND S21 AND S13:S15 -  
AND (S3 OR S4:S5(5N)S6) (10N)S22:S23  
S44 7 S42 AND S10:S12(10N)S19:S21  
S45 25 S42 AND S13:S15(10N)S22:S23  
S46 79 S28 OR S30 OR S36 OR S38:S40 OR S44:S45  
? s s46 or s33:s34  
79 S46  
72 S33:S34  
S47 144 S46 OR S33:S34  
? s s37 or s41:s42  
175 S37  
456 S41:S42  
S48 516 S37 OR S41:S42  
? s py>1997

\* J

Set	Items	Description
S1	1547	NETWORK() INTERFACE() (DEVICE? OR MECHANISM? OR UNIT? ? OR C- ARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S2	840	ETHERNET() (CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN() CON- TROLLER() CHIP? ? OR TCP() OFFLOAD? () DEVICE?
S3	3	TEMPLATE? () HEADER?
S4	4129184	TEMPLATE? OR PATTERN? OR INSTRUCTION? OR GUIDE? OR MOLD? OR ARRANGEM? OR STENCIL?
S5	80005	(PREDESIGN? OR STANDARD? OR PRESET? OR PREESTABLISH? OR PR- EEXIST?) () (FORMAT? OR LAYOUT? OR DESIGN? OR FORM? ? OR MODEL?)
S6	12625	HEADER? OR HEADER(2W) (TAG? ? OR FIELD? OR RECORD? OR AREA?)
S7	15718341	GENERAT? OR PRODUCE? ? OR PRODUCING OR CREATE? ? OR CREATI- NG OR PROPOGAT? OR DEVELOP? OR YIELD?
S8	4975685	ORIGINAT? OR MAKE? OR MAKING OR INITIAT? OR INTRODUCE? OR - INTRODUCING OR REPRODUCE? OR REPRODUCING
S9	6086650	PROVID? OR START? OR EFFECTUAT? OR EXECUT? OR LAUNCH?
S10	845881	FASTPATH? OR FAST() PATH? ? OR FASTTRACK? OR FAST() TRACK? OR EXPEDIT? OR ACCELERAT?
S11	4843426	CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR - RAPID? OR HASTEN?
S12	2073753	OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HUR- RYING OR SPEED?) () UP OR QUICK?
S13	739274	AVOID? OR CIRCUMVENT? OR OBVIAT? OR SIDESTEP? OR CIRCUMNAV- IGAT? OR SHUNT? OR DETOUR?
S14	1356767	BYPASS? OR PASS??? OR SKIP??? OR SKIPPING OR DIVERT? OR B- EAT??? OR (GET? ? OR GETTING) () AROUND
S15	17996106	NON OR "NOT" OR UN OR NO OR WITHOUT OR DOES() "NOT"
S16	5371222	CONVERT?? OR CONVERTS OR CONVERTING OR CONVERSION? OR TRAN- SFORM? OR ALTER??? OR REFORMAT? OR EXTRACT?
S17	8941904	MODIF? OR REVIS??? OR TRANSLAT? OR REMODEL? OR ADAPT? OR C- HANGE OR CHANGE? ? OR CHANGING? OR COLLAT?
S18	23862427	PROCESS? OR ANALYS? OR ANALYZ? OR FORMULAT? OR REFINE? OR - REFINING OR PREPAR? OR SETUP? OR FASHION? OR SEQUEN?
S19	199228	PACKET? OR NETWORKTRAFFIC? OR NETWORK? () TRAFFIC? OR ETHERN- ET() FRAME? OR DATAGRAM?
S20	1920977	TRANSMISS? OR DATABLOCK? ? OR DATA() (BLOCK? ? OR BUNDL? OR UNIT? ? OR MESSAG?)
S21	43928	(CONTROL? OR TCIP OR TC() IP) () PACKET? OR ACK? ? OR ACKRESP- ONSE? OR ACK() RESPONSE? OR ACKNOWLEDG? OR SYNCACK? ? OR SYNC(- ) ACK? ?
S22	2360617	TRANSPORT? OR TCP OR TCP() LAYER? ? OR TRANSMISSION() CONTRO- L() PROTOCOL? OR LAYER(2W) 4
S23	12094	(NETWORK? OR IP OR INTERNET() PROTOCOL) () LAYER? OR LAYER(2W- ) 5
S24	4100	PROTOCOL() STACK? OR HIERARCH? (2W) LAYER? OR NETWORK? () PROTO- COL() (SOFTWARE? OR SUITE?)
S25	7429	LAYER? (3W) PROTOCOL? OR (TCPPIP OR TCP() IP) () (SUITE? OR STAC- K?)
S26	2536	S1:S2 OR (S3 OR S4:S5(5N) S6)
S28	33	S26 AND S13:S15 AND S22:S23(10N) S16:S18
S29	1627	S26 AND S7:S12
S30	5	S29 AND S7:S9(10N) S21
S31	2282	S26 AND S7:S25
S33	19	S26:S31 AND S21
S34	53	S26:S31 AND S10
S36	2	S35 AND S13:S15(5N) S22:S23(5N) S16:S18
S37	175	S35 AND (S3 OR S4:S5(5N) S6)
S38	5	S37 AND S10:S12(10N) S19:S21
S39	1	S37 AND S21
S40	16	S37 AND S13:S18(5N) S19:S25
S41	115	S37:S40 AND S7:S12

replete  
w/ deletes

S44 7 S42 AND S10:S12(10N)S19:S21  
S45 25 S42 AND S13:S15(10N)S22:S23  
S46 79 S28 OR S30 OR S36 OR S38:S40 OR S44:S45  
S47 144 S46 OR S33:S34  
S48 95 RD (unique items)  
File 2:INSPEC 1898-2006/Jan W2  
      (c) 2006 Institution of Electrical Engineers  
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      (c) 2006 NTIS, Intl Cpyrght All Rights Res  
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      (c) 2006 The HW Wilson Co.  
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      (c) 2005 American Mathematical Society  
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      (c) 2006 INFO.SOURCES INC  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
      (c) 1998 Inst for Sci Info

Set	Items	Description
S1	44365	NETWORK() INTERFACE() (DEVICE? OR MECHANISM? OR UNIT? ? OR CARD? ? OR CONTROLLER? OR APPARAT? OR ADAPTER? OR MODULE?)
S2	48628	ETHERNET() (CARD? ? OR CONTROLLER? OR ADAPTER?) OR LAN() CONTROLLER() CHIP? ? OR TCP() OFFLOAD? () DEVICE?
S3	15	TEMPLATE? () HEADER?
S4	6338648	TEMPLATE? OR PATTERN??? OR INSTRUCTION? OR GUIDE? OR MOLD? ? OR ARRANGEM? OR STENCIL?
S5	84203	(PREDESIGN? OR STANDARD? OR PRESET? OR PREESTABLISH? OR PREEXIST?) () (FORMAT? OR LAYOUT? OR DESIGN? OR FORM? ? OR MODEL? -???)
S6	80848	HEADER? OR HEADER(2W) (TAG? ? OR FIELD? ? OR RECORD? ? OR AREA?)
S7	88877	S1:S2 OR (S3 OR S4:S5(5N)S6)
S8	58507	GENERAT? OR PRODUCE? ? OR PRODUCING OR CREATE? ? OR CREATING OR PROPOGAT? OR DEVELOP? OR YIELD?
S9	56919	ORIGINAT? OR MAKE? OR MAKING OR INITIAT? OR INTRODUCE? OR - INTRODUCING OR REPRODUCE? OR REPRODUCING
S10	69765	PROVID? OR START? OR EFFECTUAT? OR EXECUT? OR LAUNCH?
S11	9903	FASTPATH? OR FAST() PATH? ? OR FASTTRACK? OR FAST() TRACK? OR EXPEDIT? OR ACCELERAT?
S12	19368	CATALYS? OR OPTIMA? OR OPTIMIZ? OR HASTEN? OR CATALYZ? OR - RAPID? OR HASTEN?
S13	36252	OPTIMIS? OR ADVANC? OR (HURRY OR HURRIES OR HURRIED OR HURRYING OR SPEED?) () UP OR QUICK?
S14	6470	AVOID? OR CIRCUMVENT? OR OBVIAT? OR SIDESTEP? OR CIRCUMNAVIGAT? OR SHUNT? OR DETOUR?
S15	13661	BYPASS? OR PASS??? OR SKIP??? OR SKIPPING OR DIVERT? OR B-EAT??? OR (GET? ? OR GETTING) () AROUND
S16	61625	NON OR "NOT" OR UN OR NO OR WITHOUT OR DOES() "NOT"
S17	11384	CONVERT?? OR CONVERTS OR CONVERTING OR CONVERSION? OR TRANSFORM? OR ALTER??? OR REFORMAT? OR EXTRACT?
S18	57961	MODIF? OR REVIS??? OR TRANSLAT? OR REMODEL? OR ADAPT? OR CHANGE OR CHANGE? ? OR CHANGING? OR COLLAT?
S19	54066	PROCESS? OR ANALYS? OR ANALYZ? OR FORMULAT? OR REFINE? OR - REFINING OR PREPAR? OR SETUP? OR FASHION? OR SEQUEN?
S20	16876	PACKET? OR NETWORKTRAFFIC? OR NETWORK? () TRAFFIC? OR ETHERNET() FRAME? OR DATAGRAM?
S21	12131	TRANSMISS? OR DATABLOCK? ? OR DATA() (BLOCK? ? OR BUNDL? OR UNIT? ? OR MESSAG?)
S22	2588	(CONTROL? OR TCIP OR TC() IP) () PACKET? OR ACK? ? OR ACKRESPONSE? OR ACK() RESPONSE? OR ACKNOWLEDG? OR SYNACK? ? OR SYN() ACK? ?
S23	17225	TRANSPORT? OR TCP OR TCP() LAYER? ? OR TRANSMISSION() CONTROL() PROTOCOL? OR LAYER(2W) 4
S24	916	(NETWORK? OR IP OR INTERNET() PROTOCOL) () LAYER? OR LAYER(2W) 5
S25	1677	PROTOCOL() STACK? OR HIERARCH? (2W) LAYER? OR NETWORK? () PROTOCOL() (SOFTWARE? OR SUITE?)
S26	1883	LAYER? (3W) PROTOCOL? OR (TCPIP OR TCP() IP) () (SUITE? OR STACK?)
S27	88001	S7 AND S8:S26
S28	1165	S27 AND (S3 OR S4:S5(5N)S6)
S29	116	S28 AND S20:S21(7N)S6
S30	8	S28:S29 AND S8:S10(10N)S22
S31	272	S27:S29 AND S14:S16(10N) (S23:S24(5N)S17:S19)
S32	237	S31 AND S14:S16(7N) (S23:S24(5N)S17:S19)
S33	195	S32 AND S14:S16(5N) (S23:S24(5N)S17:S19)
S34	70	S33 AND S8:S13(10N)S20:S22
S35	0	S31:S34 AND S8:S13(7N)S20:S22 AND S14:S16(7N) (S23:S24(5N)S-17S19)

S36 21 S31:S34 AND S22  
S37 2588 S27:S36 AND S22  
S38 259 S37 AND S8:S13(5N)S22  
S39 0 S38 AND (S3 OR S4:S5(5N)S6) (10N) (S8:S13(5N)S22)  
S40 61 S38 AND S11:S13(5N)S20:S22  
S41 4 S40 AND (S3 OR S4:S5(5N)S6)  
S42 262 S29:S30 OR S34:S36 OR S40:S41  
S43 262 S42 AND S8:S13  
S44 101 S43 AND S22  
S45 25 S44 AND S14:S16(10N)S23:S24(5N)S17:S19  
S46 77 S43 AND S8:S10(5N)S11:S13  
S47 19 S46 AND S14:S16(5N)S23:S24(5N)S17:S19  
S48 134 S44:S47  
S49 39677 PD>1997  
S50 82 S48 NOT S49  
S51 58 RD (unique items)  
File 9:Business & Industry(R) Jul/1994-2006/Feb 01  
    (c) 2006 The Gale Group  
File 13:BAMP 2006/Jan W4  
    (c) 2006 The Gale Group  
File 15:ABI/Inform(R) 1971-2006/Feb 01  
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    (c) 2006 The Gale Group  
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    (c) 2006 The Gale group  
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(c) 2006 Dialog  
File 810: Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813: PR Newswire 1987-1999/Apr 30  
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